# The pen is mightier than the board.

Nothing brings education to life like the Interactive Projector Series from Mitsubishi.®

MITSUBISHI ELECTRIC

# Peace of mind comes standard

Technology is constantly evolving and no matter what innovations come, Mitsubishi's Interactive Projectors are ready for them. Their advanced connectivity and features adapt seamlessly as technology and your needs change. Mac and PC friendly, the projectors support a vast array of education and entertainment options. And unlike other interactive projectors, Mitsubishi's deliver peace of mind. Backed by Mitsubishi Electric's legendary service and reliability, owning one is virtually hassle-free.

• Simulated image shown.

# The education series interactive projectors. Packed with everything you need and backed by Mitsubishi.

## An interactive solution with virtually no downtime

Getting students to pay attention and participate is no problem when a Mitsubishi interactive projector is in the classroom. With up to 180 inches of diagonal interactive area, it's virtually impossible to ignore*. Interactive pens allow two students or a teacher and a student to interact simultaneously. The interactive pens also act as a wireless computer mouse**. Instead of just lecturing, Mitsubishi's Interactive Projector series gives teachers the ability to involve students directly in the lessons themselves, right out of the box, and there's virtually no downtime. In the unlikely event something should go wrong, Mitsubishi will replace your projector by the next business day - hassle free. Guaranteed.***

## Dependable products. Brilliant solutions. Rely on us.

**1 SCALABLE**
Projection areas range from 60" to 180" to fit any classroom size.

**2 EXTREME SHORT THROW**
Can project extra-large 76" images from just 2 feet away with brilliant clarity.*

**3 3-D READY**
DLP® 3D-Ready technology.

**4 MITSUBISHI'S EXPRESS REPLACEMENT ASSISTANCE**
Next business day replacement—one of the best replacement programs in the business.***

**5 PORTABLE & FLEXIBLE**
Can be easily moved from room to room or mounted in a variety of ways.
(No calibration required.)

**6 FUTURE PROOF**
Equipped to easily adapt to software and equipment you have now and what the future brings.

**7 SEAMLESS INTEGRATION**
Seamlessly integrates with a wide range software—Windows and Mac.

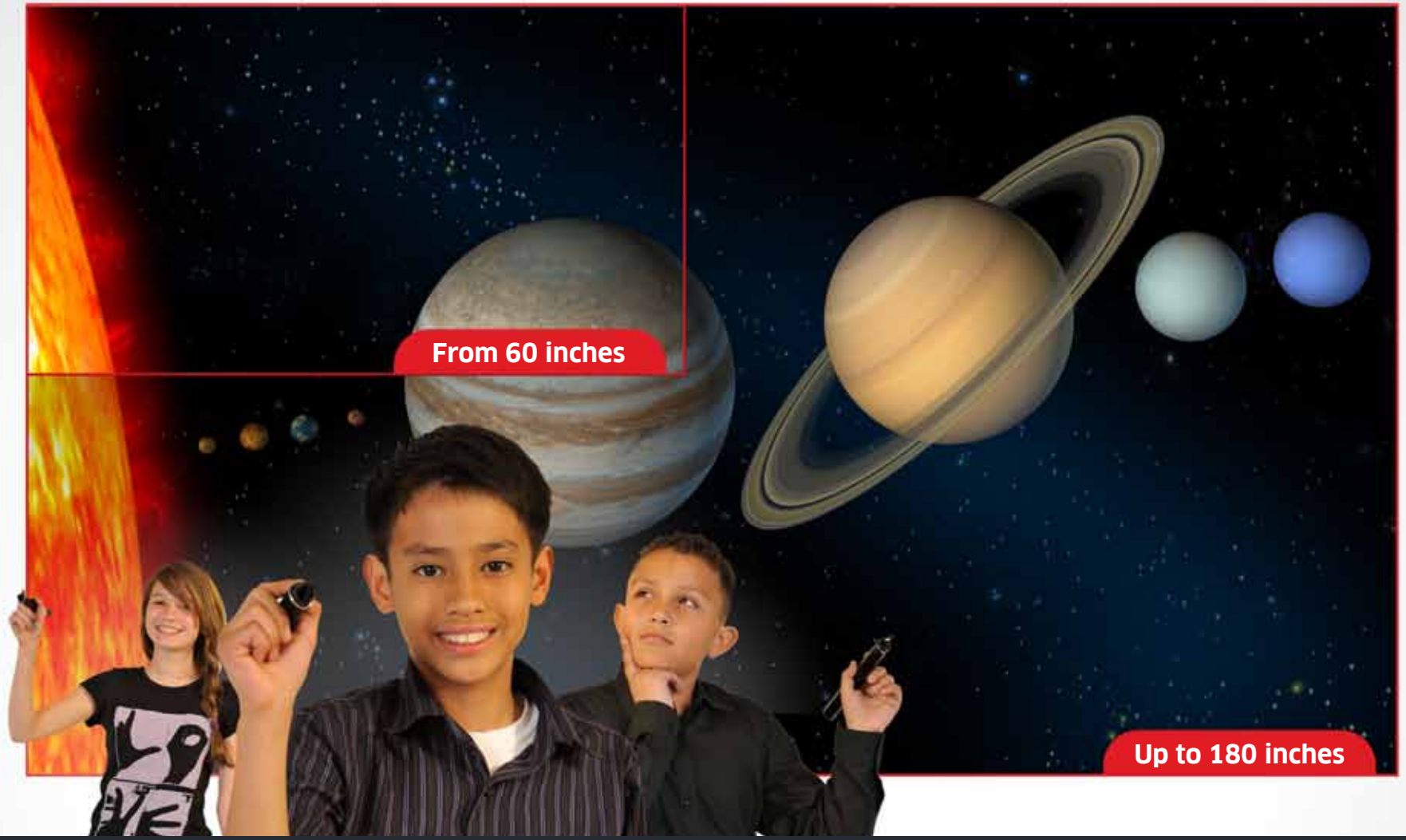
**8 DUAL INTERACTIVE PENS**
No interactive board required. Draw and perform computer mouse functions on any surface simultaneously. Dual pens are supported through Qwizdom's WizTeach interactive software solution.**

*Maximum size for the XD365U-EST is 150" diagonal. **Each projector comes with one interactive pen. Additional pens can be purchased separately. Dual pen support available where software supports dual pen feature. ***Terms and conditions apply.

# As Big As You Want.
# As Small As You Need.

Unlike an interactive whiteboard, size is never a limiting factor with Mitsubishi Electric's interactive projectors. Maximizing classroom space is easy to do. With an interactive area that can grow from 60" to a stunning 180" diagonally, Mitsubishi has the right projector for the smallest classrooms to the biggest.*

Vertical height is also no longer an issue. The interactive area can be projected to be within easy reach of shorter or handicapped students.




**Unlike an interactive white board, the interactive area can be scaled and positioned to accommodate any classroom, student or teacher.**

Mitsubishi's projectors are backed by award winning service and support from a brand you can trust and rely on.

*The WD385U-EST has a range of 70"- 180". The XD365U-EST has a range of 60" - 150".

# Portability

## It easily goes wherever you need it.

**Mitsubishi Electric Interactive Projectors are designed to move.**
Compact and light, they can be easily transported from location to location and mounted anywhere you want.

# Flexibility

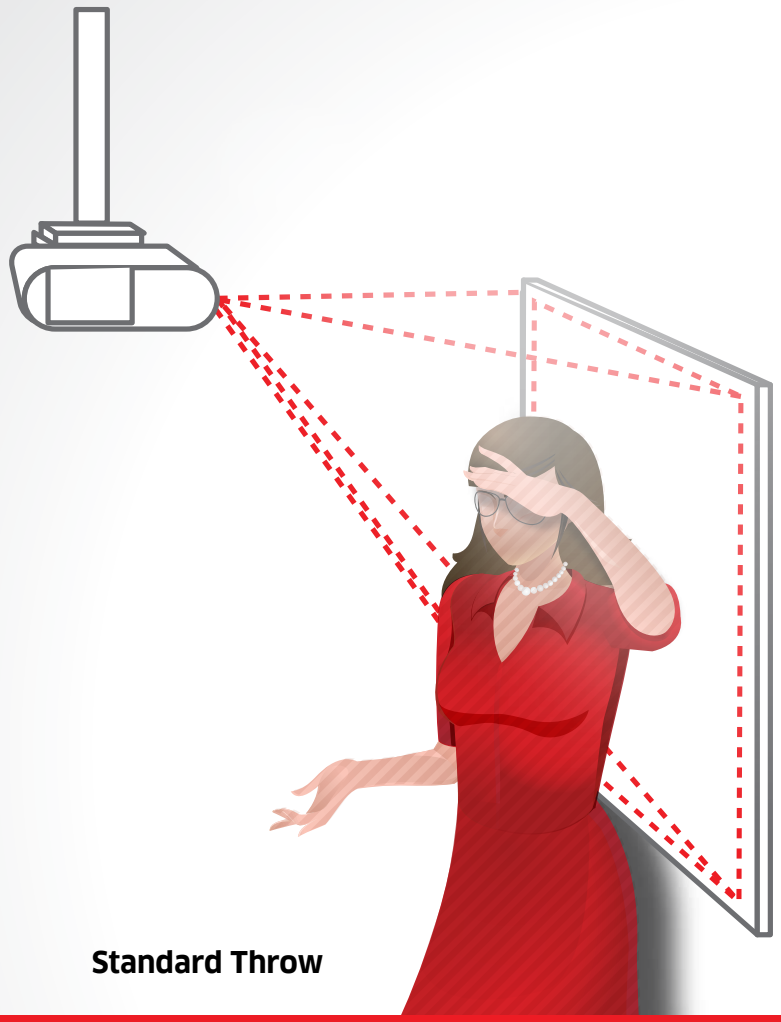
## It easily mounts however you need it.

- Light and easy to move from room to room
- Simple to mount in a variety of ways
- Converts any wall into an interactive wall
- Turns pre-existing white boards into interactive screens
- Maximizes every classroom space
- Reclaims under-utilized spaces

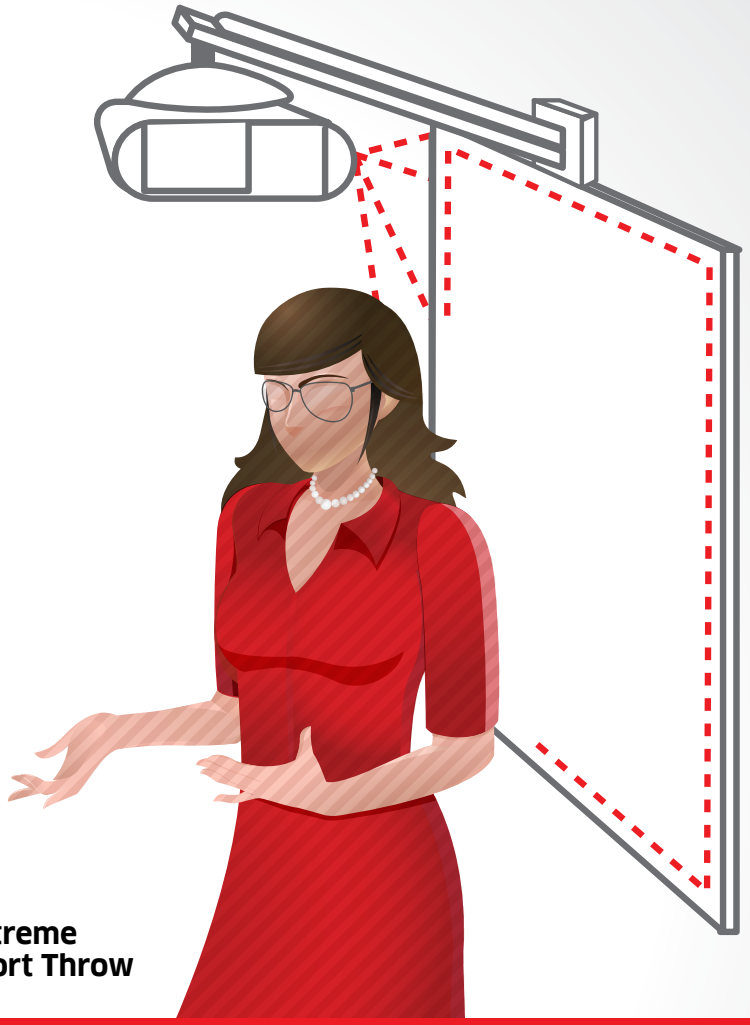
**Ceiling**

**Table Top / Mobile Cart**

**Wall**



Standard Throw



Extreme
Short Throw

# The World's First No-Mirror Extreme Short-Throw Design

Mitsubishi Electric's Interactive projectors have an innovative design that eradicates many of the complications other interactive systems bring to the classroom. They're compact so they take up much less space and deliver bright, clear images with no glare. With an extreme short-throw, they easily project a 70" diagonal image from less than 2 feet away.* The XD365U-EST and WD385U-EST projectors use a no mirror design along with high-performance optics to eliminate shadows and dust particle interference common with other projector systems that use mirrors to achieve short throw distances

* The XD365U-EST has a slightly longer throw ratio. To project a 76" diagonal image it will need to be approximately 28.6" away.

# Works On Virtually Any Surface

Turn just about any wall into an interactive wall. Light colored painted surfaces, smooth drywall, plaster or an old whiteboard, the XD365U-EST and WD385U-EST projectors will project a bright and clear interactive area on almost any and every wall surface imaginable.

**Whiteboard**

**Smooth Drywall**

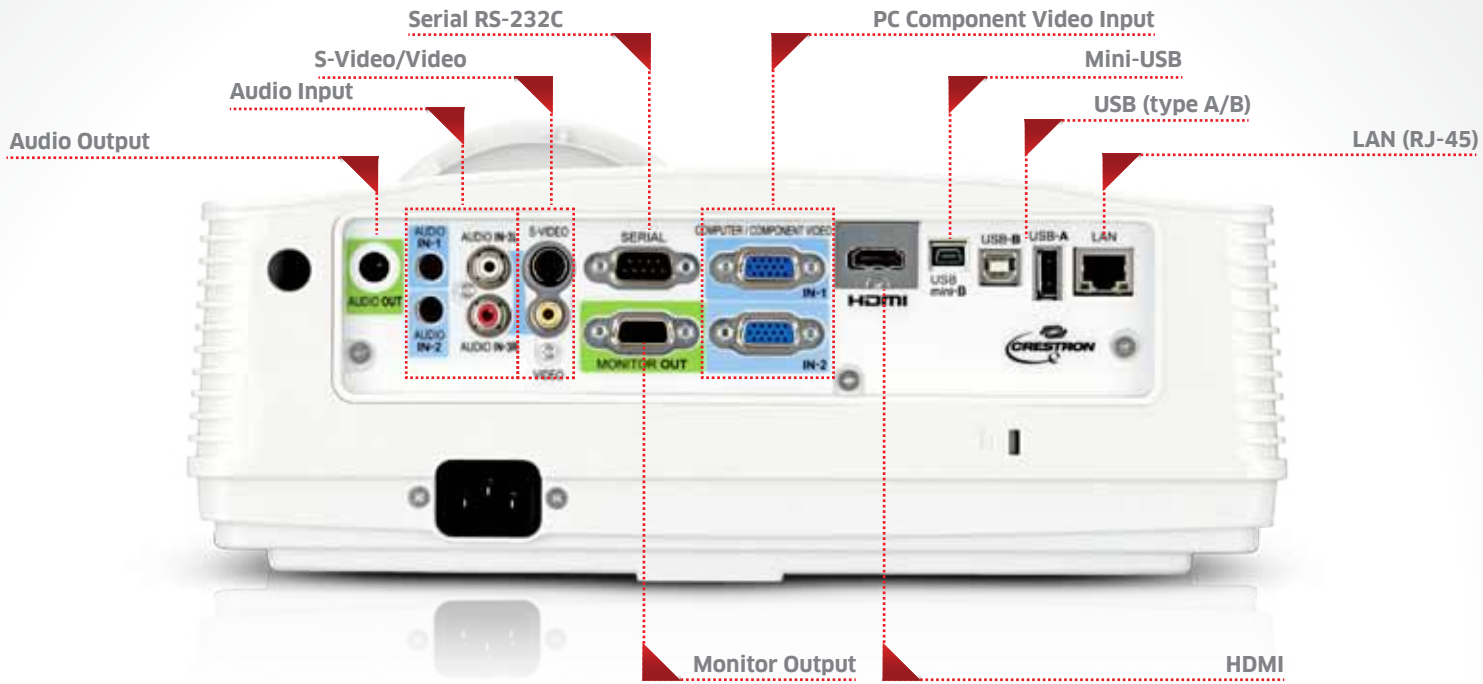
**Chalkboard**

**Light Foam Core Board**

**Light Colored Painted Surfaces**

# Future-Proof

The XD365U-EST and WD385U-EST projector's advanced connectivity portals and features adapt seamlessly to new technology as your needs change.




**1**

## 3-D READY

The DLP® projector features 3D-Ready technology to create interactive teaching opportunities.

**2**

## Audio

Projector includes a powerful 10W speaker to help eliminate need for external speakers. Also, when paired with a 3rd party wireless microphone, audio mix feature can mix presenter's voice with other audio sources (In real time). The 10W system can also be used while projector is in stand-by mode.

**3**

## Simple Connectivity

Use USB cable, LAN cable or standard RS232.

## Easy Setup

No need for time consuming calibration.

**4**

## Output terminals

RGB: mini D-sub 15pin × 1 Audio; Stereo mini jack (φ3.5mm) × 1.

**5**

## Remote Desktop Utility

Access projector for remote management. Control your computer remotely via a USB mouse or keyboard.

**6**

## Computer-free Presentations

Project graphics and presentations using only the projector and a USB storage device.

**7**

## Input terminals

RGB: mini D-sub 15pin × 2 Audio; Stereo mini jack (φ3.5mm) × 2 (one for PC1, another one for PC2) Video: RCA × 1 + S-VIDEO × 1 Digital; HDMI × 1 VideoAudio; RCA jack (L/R) × 1

**8**

## Communication terminal

SERIAL: mini D-sub 9pin × 1 (RS232C) LAN (RJ-45); × 1 (Projector control, LAN Display) USB type-A: Wireless Display, Computer-free Presentation (PC less Presentation) USB type-B: USB Display

USB type-A: Wireless Display (Wireless dongle required), Computer-free Presentation (PC less Presentation) USB type-B: USB Display, Mini-USB:PC Connection for Interactive Pen

MAC

PC

# Plays well with others. Mac & PC friendly.

Get simple integration right out of the box, without the need for time consuming calibration. The XD365U-EST and WD385U-EST projectors seamlessly interact with a wide range of software your teachers are using. They're cross compatible with most instructional software applications and are Crestron and AMX compliant—so you can control the projectors and other assets like lights and screens from a common interface. *(Features vary by operating system. Additional drivers required for Mac OS.)*

What's more, the WD385U-EST Qwizdom and XD365U-EST Qwizdom projectors come bundled with a full version of Qwizdom's WizTeach interactive software. This software delivers easy-to-use, interactive teaching tools for a wide range of subjects including math, science and geography. Users can also get full access Qwizdom's comprehensive content library of teaching resources.

## Network Control Crestron RoomView®

- Equipped for Plug and Play RoomView® compatibility (necessary firmware is built-in in the projector)
- RoomView® software available from Crestron website (free download)
- Supports up to 250 devices from PC or laptop with no expiration date

## AMX Device Discovery®

AMX Device Discovery technology is integrated directly into the XD365U-EST and WD385U-EST projectors, making operating and programming with an AMX control system easy and seamless. Exclusively designed to work with Mitsubishi Interactive projectors AMX, Device Discovery improves the way the XD365U-EST and WD385U-EST are programmed, managed and operated.

# Award-Winning Reliability

Mitsubishi Electric Visual Solutions America is known for creating award-winning, high-quality high-definition presentation and display products. Mitsubishi has won the Pacific Media Associates (PMA) Annual Dealer Survey's Gold Award multiple times.

PMA's analysts are global market information experts on large-screen displays and its survey is the authoritative source of independent, unbiased ratings of large-screen displays manufacturers by dealers throughout North America. The survey ranks 25 aspects of marketing support, products and after-sale support according to their importance to dealers, many of who are among the largest dealers in North America.

# Dependable Products. Brilliant Solutions. Rely on Us.

The XD365U-EST and WD385U-EST Interactive Projectors join a long line of innovative and reliable solutions from Mitsubishi. Since 1921, Mitsubishi Electric has been a world leader in developing and refining breakthrough technologies and products for the benefit of society, industry and individuals.

These technologies include the world's first large-scale LED screen for sports arenas, the world's fastest elevators, the antenna technology behind the world's first commercial in-flight Internet service, and much more.

# 24 Hour Replacement Program

## Mitsubishi's Express Replacement Assistance

### Hands down, the best replacement program in the business.

To provide complete peace of mind, every XD365U-EST and WD385U-EST projector is exclusively backed by Mitsubishi's exclusive Express Replacement Assistance program (ERA). If you ever need a replacement unit, Mitsubishi Electric will ship one to you the very next business day with minimal interruption.

### Warranty & Service: 3-Years

3-Years limited Parts and Labor Warranty, plus 3-years or 10,000 hours (whichever comes first) DMD parts warranty; Express Replacement Assistance (ERA) during the warranty period, and 1-year or 500 hours (whichever comes first) lamp warranty.

# Technical Specifications

## Specifications

| MODEL | WD385U-EST | XD365U-EST |
|---|---|---|
| Display technology | 0.65” 1-Chip DMD | 0.55” 1-Chip DMD |
| Resolution | 1280 × 800 (Total 1,024,000 pixels) | 1024 × 768 (Total 786,432 pixels) |
| Brightness | 2800lm | 2500lm |
| Contrast ratio | 3000 : 1 | |
| Picture size | 70” – 180” | 60” – 150” |
| Throw ratio | 0.375 | 0.469 |
| Source lamp | Normal Mode: 230W (Shut Off Time: 3000hrs), Low Mode: 190W (Shut Off Time: 6000hrs) | |
| PC compatibility | 640 × 480 – 1280 × 800 – 1600 × 1200, 1080p. Sync on Green available | 640 × 480 – 1024 × 768 – 1600 × 1200, 1080p. Sync on Green available |
| Video compatibility | NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60<br>Component Video; 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i/p (1125i/p 60Hz) 1080i/p (1125i/p 50Hz) | |
| Input terminals | RGB: mini D-sub 15pin × 2 Audio; Stereo mini jack (ø3.5mm) × 2 (one for PC1, another one for PC2)<br>Video: RCA × 1 + S-VIDEO × 1 Digital; HDMI × 1 Video Audio; RCA jack (L/R) × 1 | |
| Output terminals | RGB: mini D-sub 15pin × 1 Audio; Stereo mini jack (ø3.5mm) × 1 | |
| Communication terminal | SERIAL: mini D-sub 9pin × 1 (RS232C) LAN (RJ-45); × 1 (Projector control, LAN Display)<br>USB type-A: Wireless Display, Computer-free Presentation (PC less Presentation)<br>USB type-B: USB Display | |
| Audio speaker | 10W Mono | |
| Dimensions (W x H x D) | 12.7” x 4.4” x 10.2” | |
| Weight | 9.0 lbs | |
| Power requirements | AC 100 - 240V, 50/60Hz | |
| Optional lamp | VLT-XD560LP | |

QWIZDOM Bundled Software is included only with the WD385U-EST QWIZDOM and XD365U-EST QWIZDOM models and is not included on the WD385U-EST or XD365U-EST.

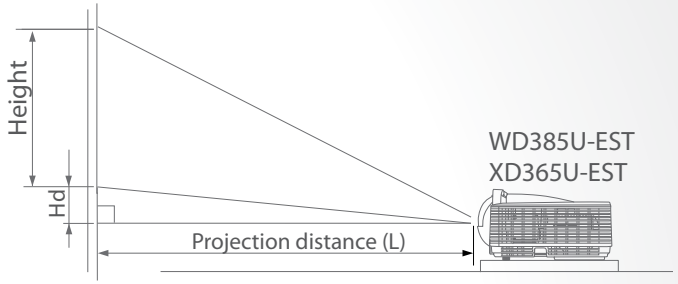
- Compliance with ISO21118-2005

# Interactive Pen

| MODEL | |
|---|---|
| Type | Interactive pen |
| Battery | Includes 2 AAA Batteries (R03 or LR03) |
| Button | 4 key: Left button, Right button, Pairing button, Power switch + Penpoint button (Left button) |
| LED | 2 LED (Red/Green): BATTERY indicator, LINK indicator |
| RF type | CC2500: 2.4GHz (2400-2483.5MHz) |
| Power consumption | P-ON: 120mW |
| Weight | 48g, 70g (with Battery) |
| Dimension (Length × Width × Height) | 7.9” x 0.9” x 0.9”(Not including protrusions) |
| Accessories | USB cable, User manual, Battery AAA (R03 or LR03) × 2, Strap |

# Screen Size and Projection Distance

**Side view**




The above numbers are approximate, and may be slightly different from the actual measurements.

# Screen size chart (WD385U-EST)

| Screen (16:10) | | | | | | Distance from screen (L) | | Height projected image (Hd) | |
|---|---|---|---|---|---|---|---|---|---|
| Diagonal size | | Width (W) | | Height (H) | | | | | |
| inch | cm | inch | cm | inch | cm | inch | m | inch | m |
| 70 | 178 | 59 | 151 | 37 | 94 | 22 | 0.56 | 4.6 | 12 |
| 80 | 203 | 68 | 172 | 42 | 108 | 25 | 0.64 | 5.3 | 13 |
| 100 | 254 | 85 | 215 | 53 | 135 | 32 | 0.82 | 6.6 | 17 |
| 120 | 305 | 102 | 258 | 64 | 162 | 39 | 0.99 | 7.9 | 20 |
| 150 | 381 | 127 | 323 | 79 | 202 | 49 | 1.25 | 9.9 | 25 |
| 180 | 457 | 153 | 388 | 95 | 242 | 60 | 1.51 | 11.9 | 30 |

# Screen size chart (XD365U-EST)

| Screen (4:3) | | | | | | Distance from screen (L) | | Height projected image (Hd) | |
|---|---|---|---|---|---|---|---|---|---|
| Diagonal size | | Width (W) | | Height (H) | | | | | |
| inch | cm | inch | cm | inch | inch | inch | m | inch | m |
| 60 | 152 | 48 | 122 | 36 | 36 | 22 | 0.56 | 5.4 | 14 |
| 80 | 203 | 64 | 163 | 48 | 48 | 30 | 0.77 | 7.2 | 18 |
| 100 | 254 | 80 | 203 | 60 | 60 | 38 | 0.97 | 9 | 23 |
| 120 | 305 | 96 | 244 | 72 | 72 | 46 | 1.18 | 10.8 | 27 |
| 150 | 381 | 120 | 305 | 90 | 90 | 58 | 1.49 | 13.5 | 34 |

*All content subject to change. The above figures are approximate and may vary.*

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